

Prepared by GC Solicitation No.: B-14-025-RA  PROPOSAL: TIME: DATE:	Contract No.: C-14-020-RA <b>SAN ANTONIO WATER SYSTEM</b>  P. O. BOX 2449 SAN ANTONIO, TEXAS 78298-2449 <b>TABULATION OF BIDS</b> <b>2014 Water &amp; Sewer Construction Package II</b>  Job No: 14-5018 & 14-5518 10:30 AM August 14, 2014	Pronto Sandblasting & Coating & Oilfield Services, Co., Inc. 9456 South Priesa San Antonio, TX 78223	Atlas Construction, Corp. 312 Sunset Dr. Granite Shoals, Texas 78654	R.L. Jones LP 18946 Redland Road San Antonio, Texas 78259	D Guerra Construction 9810 FM 969 Austin, Texas 78724
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General Water Bid Items											
Item No.	Estimate Qty	Unit of Issue	Description	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1 w	90	LF	(103) Remove Concrete Curb	\$2.00	\$180.00	\$5.00	\$450.00	\$2.00	\$180.00	\$8.00	\$720.00
2 w	90	SF	(103) Remove Sidewalks & Driveways	\$3.00	\$270.00	\$5.00	\$450.00	\$25.00	\$2,250.00	\$10.00	\$900.00
3 w	45	SF	(103) Remove Miscellaneous Concrete	\$5.00	\$225.00	\$10.00	\$450.00	\$25.00	\$1,125.00	\$12.00	\$540.00
4 w	30	GAL	(203) Tack Coat	\$7.00	\$210.00	\$15.00	\$450.00	\$6.00	\$180.00	\$25.00	\$750.00
5 w	1,500	SY	(205) Hot Mix Asphaltic Pavement - Type D (2" Compacted Depth)	\$25.00	\$37,500.00	\$20.00	\$30,000.00	\$50.00	\$75,000.00	\$65.00	\$97,500.00
6 w	40	SY	(205) Hot Mix Asphaltic Pavement - Type C (3" Compacted Depth)	\$30.00	\$1,200.00	\$30.00	\$1,200.00	\$50.00	\$2,000.00	\$75.00	\$3,000.00
7 w	1,200	SY	(206) Asphalt Treated Base (10" Compacted Depth)	\$95.00	\$114,000.00	\$35.00	\$42,000.00	\$60.00	\$72,000.00	\$85.00	\$102,000.00
8 w	50	SY	(206) Asphalt Treated Base (4" Compacted depth)	\$40.00	\$2,000.00	\$25.00	\$1,250.00	\$40.00	\$2,000.00	\$80.00	\$4,000.00
9 w	60	SY	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2")	\$50.00	\$3,000.00	\$15.00	\$900.00	\$65.00	\$3,900.00	\$35.00	\$2,100.00
10 w	40	SY	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (3")	\$50.00	\$2,000.00	\$20.00	\$800.00	\$40.00	\$1,600.00	\$45.00	\$1,800.00
11 w	200	CY	(413) Flowable Fill	\$120.00	\$24,000.00	\$150.00	\$30,000.00	\$200.00	\$40,000.00	\$160.00	\$32,000.00
12 w	90	LF	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter	\$20.00	\$1,800.00	\$35.00	\$3,150.00	\$15.00	\$1,350.00	\$55.00	\$4,950.00
13 w	24	SY	(502) Concrete Sidewalks	\$70.00	\$1,680.00	\$100.00	\$2,400.00	\$1.00	\$24.00	\$60.00	\$1,440.00
14 w	20	SY	(502) Concrete Wheelchair Ramp	\$100.00	\$2,000.00	\$100.00	\$2,000.00	\$1.00	\$20.00	\$65.00	\$1,300.00
15 w	24	SY	(503) Portland Cement Concrete Driveway	\$77.00	\$1,848.00	\$100.00	\$2,400.00	\$1.00	\$24.00	\$85.00	\$2,040.00
16 w	24	SY	(503) Portland Cement Concrete Driveway - Commercial	\$80.00	\$1,920.00	\$125.00	\$3,000.00	\$1.00	\$24.00	\$95.00	\$2,280.00
17 w	8	SY	(505) Concrete Riprap (5" Thick)	\$100.00	\$800.00	\$100.00	\$800.00	\$1.00	\$8.00	\$70.00	\$560.00
18 w	4	CY	(506) Concrete Retaining Walls - Combination Type	\$750.00	\$3,000.00	\$800.00	\$3,200.00	\$100.00	\$400.00	\$1,250.00	\$5,000.00
19 w	20	CY	(515) Topsoil	\$25.00	\$500.00	\$30.00	\$600.00	\$20.00	\$400.00	\$35.00	\$700.00
20 w	40	SY	(516) Bermuda Sodding	\$6.00	\$240.00	\$20.00	\$800.00	\$10.00	\$400.00	\$25.00	\$1,000.00
21 w	40	SY	(516) St. Augustine Sodding	\$6.00	\$240.00	\$20.00	\$800.00	\$10.00	\$400.00	\$35.00	\$1,400.00
22 w	2,700	LF	(550) Trench Protection	\$1.00	\$2,700.00	\$2.00	\$5,400.00	\$0.10	\$270.00	\$5.00	\$13,500.00
23 w	150	LF	(818) 6" PVC Waterline (Restrained) (0'-6' Cut)	\$70.00	\$10,500.00	\$50.00	\$7,500.00	\$50.00	\$7,500.00	\$110.00	\$16,500.00
24 w	30	LF	(818) 6" PVC Waterline (Restrained) (6'-14' Cut)	\$47.00	\$1,410.00	\$75.00	\$2,250.00	\$50.00	\$1,500.00	\$110.00	\$3,300.00
25 w	1,350	LF	(818) 8" PVC Waterline (Restrained) (0'-6' Cut)	\$89.00	\$120,150.00	\$55.00	\$74,250.00	\$110.00	\$148,500.00	\$120.00	\$162,000.00
26 w	120	LF	(818) 8" PVC Waterline (Restrained) (6'-14' Cut)	\$50.00	\$6,000.00	\$70.00	\$8,400.00	\$50.00	\$6,000.00	\$135.00	\$16,200.00
27 w	450	LF	(818) 12" PVC Waterline (Restrained) (0'-6' Cut)	\$89.00	\$40,050.00	\$70.00	\$31,500.00	\$90.00	\$40,500.00	\$145.00	\$65,250.00
28 w	120	LF	(818) 12" PVC Waterline (Restrained) (6'-14' Cut)	\$61.00	\$7,320.00	\$85.00	\$10,200.00	\$60.00	\$7,200.00	\$145.00	\$17,400.00
29 w	240	LF	(818) 16" PVC Waterline (Restrained) (0'-6' Cut)	\$100.00	\$24,000.00	\$100.00	\$24,000.00	\$75.00	\$18,000.00	\$175.00	\$42,000.00
30 w	60	LF	(818) 16" PVC Waterline (Restrained) (6'-14' Cut)	\$141.00	\$8,460.00	\$125.00	\$7,500.00	\$170.00	\$10,200.00	\$195.00	\$11,700.00
31 w	150	LF	(818) 24" PVC Waterline (Restrained) (0'-8' Cut)	\$196.00	\$29,400.00	\$200.00	\$30,000.00	\$280.00	\$42,000.00	\$270.00	\$40,500.00
32 w	30	LF	(818) 24" PVC Waterline (Restrained) (8'-14' Cut)	\$196.00	\$5,880.00	\$200.00	\$6,000.00	\$250.00	\$7,500.00	\$290.00	\$8,700.00
33 w	100	LF	(818) 30" DI Waterline (Restrained) (0'-9' Cut)	\$320.00	\$32,000.00	\$300.00	\$30,000.00	\$800.00	\$80,000.00	\$405.00	\$40,500.00
34 w	25	LF	(818) 30" DI Waterline (Restrained) (9'-14' Cut)	\$340.00	\$8,500.00	\$350.00	\$8,750.00	\$835.00	\$20,875.00	\$425.00	\$10,625.00
35 w	100	LF	(822) Short Yard Piping	\$24.00	\$2,400.00	\$60.00	\$6,000.00	\$20.00	\$2,000.00	\$32.00	\$3,200.00
36 w	100	LF	(822) Long Yard Piping	\$29.00	\$2,900.00	\$60.00	\$6,000.00	\$20.00	\$2,000.00	\$35.00	\$3,500.00
37 w	4	EA	(824) Reconnect 3/4" Short Service	\$570.00	\$2,280.00	\$900.00	\$3,600.00	\$200.00	\$800.00	\$910.00	\$3,640.00
38 w	4	EA	(824) Reconnect 3/4" Long Service	\$820.00	\$3,280.00	\$1,000.00	\$4,000.00	\$200.00	\$800.00	\$1,130.00	\$4,520.00
39 w	40	EA	(824) Relay 3/4" Short Service	\$560.00	\$22,400.00	\$900.00	\$36,000.00	\$600.00	\$24,000.00	\$1,550.00	\$62,000.00
40 w	40	EA	(824) Relay 3/4" Long Service	\$900.00	\$36,000.00	\$1,000.00	\$40,000.00	\$1,000.00	\$40,000.00	\$2,175.00	\$87,000.00
41 w	6	EA	(824) Relay 1" Short Service	\$870.00	\$5,220.00	\$1,100.00	\$6,600.00	\$650.00	\$3,900.00	\$1,600.00	\$9,600.00
42 w	6	EA	(824) Relay 1" Long Service	\$1,350.00	\$8,100.00	\$1,100.00	\$6,600.00	\$1,000.00	\$6,000.00	\$2,275.00	\$13,650.00
43 w	6	EA	(824) Relay 1-1/2" Short Service	\$1,330.00	\$7,980.00	\$1,400.00	\$8,400.00	\$500.00	\$3,000.00	\$1,900.00	\$11,400.00
44 w	6	EA	(824) Relay 1-1/2" Long Service	\$2,040.00	\$12,240.00	\$1,600.00	\$9,600.00	\$600.00	\$3,600.00	\$2,700.00	\$16,200.00
45 w	4	EA	(824) Relay 2" Short Service	\$1,900.00	\$7,600.00	\$2,000.00	\$8,000.00	\$500.00	\$2,000.00	\$2,175.00	\$8,700.00
46 w	4	EA	(824) Relay 2" Long Service	\$2,700.00	\$10,800.00	\$2,500.00	\$10,000.00	\$600.00	\$2,400.00	\$3,175.00	\$12,700.00
47 w	4	EA	(824) New 3/4" Short Service	\$630.00	\$2,520.00	\$900.00	\$3,600.00	\$500.00	\$2,000.00	\$1,515.00	\$6,060.00

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Item No.	Estimate Qty	Unit of Issue	Description	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
48 w	4	EA	(824) New 3/4" Long Service	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$800.00	\$3,200.00	\$2,175.00	\$8,700.00
49 w	4	EA	(824) New 3/4" Short Unmetered Service	\$620.00	\$2,480.00	\$900.00	\$3,600.00	\$500.00	\$2,000.00	\$1,550.00	\$6,200.00
50 w	4	EA	(824) New 3/4" Long Unmetered Service	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$700.00	\$2,800.00	\$2,175.00	\$8,700.00
51 w	4	EA	(824) Relocate 3/4" Short Service	\$650.00	\$2,600.00	\$900.00	\$3,600.00	\$400.00	\$1,600.00	\$1,550.00	\$6,200.00
52 w	4	EA	(824) Relocate 3/4" Long Service	\$1,010.00	\$4,040.00	\$1,000.00	\$4,000.00	\$600.00	\$2,400.00	\$2,175.00	\$8,700.00
53 w	4	EA	(824) Relocate 1" Short Service	\$790.00	\$3,160.00	\$1,000.00	\$4,000.00	\$400.00	\$1,600.00	\$1,585.00	\$6,340.00
54 w	4	EA	(824) Relocate 1" Long Service	\$1,160.00	\$4,640.00	\$1,100.00	\$4,400.00	\$600.00	\$2,400.00	\$2,275.00	\$9,100.00
55 w	4	EA	(824) Customer Shut-off Valve	\$170.00	\$680.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00	\$250.00	\$1,000.00
56 w	4	EA	(826) Valve Box Adjustment	\$60.00	\$240.00	\$400.00	\$1,600.00	\$500.00	\$2,000.00	\$550.00	\$2,200.00
57 w	6	EA	(828) 6" Gate Valve	\$1,200.00	\$7,200.00	\$1,200.00	\$7,200.00	\$700.00	\$4,200.00	\$850.00	\$5,100.00
58 w	10	EA	(828) 8" Gate Valve	\$1,400.00	\$14,000.00	\$1,500.00	\$15,000.00	\$1,400.00	\$14,000.00	\$1,205.00	\$12,050.00
59 w	6	EA	(828) 12" Gate Valve	\$2,600.00	\$15,600.00	\$2,500.00	\$15,000.00	\$800.00	\$4,800.00	\$2,110.00	\$12,660.00
60 w	3	EA	(828) 16" Gate Valve	\$7,200.00	\$21,600.00	\$7,000.00	\$21,000.00	\$1,000.00	\$3,000.00	\$5,725.00	\$17,175.00
61 w	2	EA	(830) 24" Butterfly Valve	\$12,500.00	\$25,000.00	\$13,000.00	\$26,000.00	\$1,200.00	\$2,400.00	\$11,000.00	\$22,000.00
62 w	2	EA	(831) 6" x 6" Tee Cut-In	\$923.00	\$1,846.00	\$1,200.00	\$2,400.00	\$600.00	\$1,200.00	\$2,300.00	\$4,600.00
63 w	2	EA	(831) 8" x 6" Tee Cut-In	\$1,800.00	\$3,600.00	\$1,300.00	\$2,600.00	\$600.00	\$1,200.00	\$2,350.00	\$4,700.00
64 w	2	EA	(831) 8" X 8" Tee Cut-In	\$2,100.00	\$4,200.00	\$1,400.00	\$2,800.00	\$700.00	\$1,400.00	\$2,425.00	\$4,850.00
65 w	2	EA	(832) 12" X 8" Tapping Sleeve & Valve	\$4,500.00	\$9,000.00	\$4,000.00	\$8,000.00	\$1,000.00	\$2,000.00	\$4,100.00	\$8,200.00
66 w	2	EA	(832) 16" X 8" Tapping Sleeve and Valve	\$6,300.00	\$12,600.00	\$4,000.00	\$8,000.00	\$1,200.00	\$2,400.00	\$4,775.00	\$9,550.00
67 w	1	EA	(832) 30"x 16" Tapping Sleeve and Valve	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$3,000.00	\$3,000.00	\$12,155.00	\$12,155.00
68 w	15	EA	(833) Existing Meter & Meter Box Relocation	\$100.00	\$1,500.00	\$400.00	\$6,000.00	\$100.00	\$1,500.00	\$575.00	\$8,625.00
69 w	15	EA	(833) Existing Meter & New Meter Box Relocation	\$180.00	\$2,700.00	\$400.00	\$6,000.00	\$800.00	\$12,000.00	\$1,500.00	\$22,500.00
70 w	15	EA	(833) New Meter Box	\$200.00	\$3,000.00	\$400.00	\$6,000.00	\$100.00	\$1,500.00	\$140.00	\$2,100.00
71 w	6	EA	(834) Fire Hydrant	\$4,200.00	\$25,200.00	\$4,000.00	\$24,000.00	\$4,000.00	\$24,000.00	\$4,265.00	\$25,590.00
72 w	3.75	TN	(836) Pipe Fittings, All Sizes & Types	\$6,300.00	\$23,625.00	\$8,000.00	\$30,000.00	\$4,000.00	\$15,000.00	\$3,350.00	\$12,562.50
73 w	6	EA	(840) 6" Water Tie-Ins	\$1,000.00	\$6,000.00	\$1,200.00	\$7,200.00	\$500.00	\$3,000.00	\$1,475.00	\$8,850.00
74 w	6	EA	(840) 8" Water Tie-Ins	\$1,200.00	\$7,200.00	\$1,300.00	\$7,800.00	\$1,000.00	\$6,000.00	\$1,500.00	\$9,000.00
75 w	6	EA	(840) 12" Water Tie-Ins	\$1,800.00	\$10,800.00	\$1,500.00	\$9,000.00	\$500.00	\$3,000.00	\$1,900.00	\$11,400.00
76 w	2	EA	(840) 16" Water Tie-Ins	\$2,700.00	\$5,400.00	\$2,000.00	\$4,000.00	\$500.00	\$1,000.00	\$2,625.00	\$5,250.00
77 w	2	EA	(840) 20" Water Tie-In	\$3,700.00	\$7,400.00	\$2,500.00	\$5,000.00	\$500.00	\$1,000.00	\$4,125.00	\$8,250.00
78 w	2	EA	(840) 24" Water Tie-Ins	\$3,800.00	\$7,600.00	\$3,000.00	\$6,000.00	\$500.00	\$1,000.00	\$4,750.00	\$9,500.00
79 w	2	EA	(840) 30" Water Tie-In	\$5,900.00	\$11,800.00	\$5,000.00	\$10,000.00	\$7,000.00	\$14,000.00	\$6,750.00	\$13,500.00
80 w	6	EA	(841) Hydrostatic Testing	\$2,000.00	\$12,000.00	\$4,000.00	\$24,000.00	\$4,000.00	\$24,000.00	\$1,500.00	\$9,000.00
81 w	6	EA	(844) 2" Blow-off, Temporary	\$1,300.00	\$7,800.00	\$1,500.00	\$9,000.00	\$5,000.00	\$30,000.00	\$1,250.00	\$7,500.00
82 w	3	EA	(844) 2" Blow-off, Permanent	\$1,400.00	\$4,200.00	\$2,000.00	\$6,000.00	\$100.00	\$300.00	\$1,900.00	\$5,700.00
83 w	2	EA	(844) 4" Blow-off Permanent	\$10,200.00	\$20,400.00	\$10,000.00	\$20,000.00	\$200.00	\$400.00	\$9,275.00	\$18,550.00
84 w	2	EA	(844) 4" Blow-off Temporary	\$10,000.00	\$20,000.00	\$11,000.00	\$22,000.00	\$200.00	\$400.00	\$8,800.00	\$17,600.00
85 w	3	EA	(846) 1" Air Release Valve	\$1,500.00	\$4,500.00	\$2,000.00	\$6,000.00	\$500.00	\$1,500.00	\$1,700.00	\$5,100.00
86 w	2	EA	(846) 2" Air Release Valve	\$2,300.00	\$4,600.00	\$3,000.00	\$6,000.00	\$400.00	\$800.00	\$2,725.00	\$5,450.00
87 w	30	LF	(856) 18" Steel Casing (Open Cut)	\$90.00	\$2,700.00	\$100.00	\$3,000.00	\$20.00	\$600.00	\$155.00	\$4,650.00
88 w	30	LF	(856) 24" Steel Casing (Open Cut)	\$120.00	\$3,600.00	\$125.00	\$3,750.00	\$70.00	\$2,100.00	\$170.00	\$5,100.00
89 w	30	LF	(856) 30" Steel Casing (Open Cut)	\$160.00	\$4,800.00	\$150.00	\$4,500.00	\$30.00	\$900.00	\$235.00	\$7,050.00
90 w	30	LF	(856) 36" Steel Casing (Open Cut)	\$190.00	\$5,700.00	\$200.00	\$6,000.00	\$40.00	\$1,200.00	\$271.00	\$8,130.00
91 w	30	LF	(856) 42" Steel Casing (Open Cut)	\$232.00	\$6,960.00	\$300.00	\$9,000.00	\$40.00	\$1,200.00	\$350.00	\$10,500.00
92 w	30	LF	(856) Jack, Boring and Tunneling 18"-24" Casing (0'-6' depths)	\$340.00	\$10,200.00	\$300.00	\$9,000.00	\$50.00	\$1,500.00	\$605.00	\$18,150.00
93 w	30	LF	(856) Jack, Boring and Tunneling 18"-24" Casing (greater than 6' depths)	\$460.00	\$13,800.00	\$300.00	\$9,000.00	\$50.00	\$1,500.00	\$705.00	\$21,150.00
94 w	30	LF	(856) Jack, Boring and Tunneling 30"-42" Casing (0'-8' depths)	\$450.00	\$13,500.00	\$500.00	\$15,000.00	\$70.00	\$2,100.00	\$805.00	\$24,150.00

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95 w	30	LF	(856) Jack, Boring and Tunneling 30"-42" Casing (greater than 8' depths)	\$640.00	\$19,200.00	\$550.00	\$16,500.00	\$70.00	\$2,100.00	\$1,000.00	\$30,000.00
96 w	30	LF	(856) 6" Carrier Pipe	\$45.00	\$1,350.00	\$100.00	\$3,000.00	\$200.00	\$6,000.00	\$31.00	\$930.00
97 w	30	LF	(856) 8" Carrier Pipe	\$60.00	\$1,800.00	\$100.00	\$3,000.00	\$600.00	\$18,000.00	\$35.00	\$1,050.00
98 w	30	LF	(856) 12" Carrier Pipe	\$70.00	\$2,100.00	\$125.00	\$3,750.00	\$500.00	\$15,000.00	\$50.00	\$1,500.00
99 w	30	LF	(856) 16" Carrier Pipe	\$100.00	\$3,000.00	\$150.00	\$4,500.00	\$530.00	\$15,900.00	\$71.00	\$2,130.00
100 w	30	LF	(856) 24" Carrier Pipe	\$190.00	\$5,700.00	\$200.00	\$6,000.00	\$550.00	\$16,500.00	\$120.00	\$3,600.00
101 w	10	CY	(858) Concrete Encasement, Cradles, Saddles and Collars	\$130.00	\$1,300.00	\$150.00	\$1,500.00	\$200.00	\$2,000.00	\$180.00	\$1,800.00
102 w	2	EA	(1020) Water Main Break/Leak Repairs (6"-12")	\$100.00	\$200.00	\$2,500.00	\$5,000.00	\$4,500.00	\$9,000.00	\$6,200.00	\$12,400.00
103 w	2	EA	(1020) Water Main Break/Leak Repairs (16"-24")	\$700.00	\$1,400.00	\$3,500.00	\$7,000.00	\$5,000.00	\$10,000.00	\$12,000.00	\$24,000.00
104 w	200	LF	(3000) Removal, Transportation and Disposal of various sizes of A.C. Pipe	\$18.00	\$3,600.00	\$80.00	\$16,000.00	\$25.00	\$5,000.00	\$90.00	\$18,000.00
105 w	100	LF	(3100) 16" Temporary Waterline, including fittings, tie-ins, service connections, and all appurtenances to provide a temporary water main for water main construction.	\$128.00	\$12,800.00	\$100.00	\$10,000.00	\$350.00	\$35,000.00	\$210.00	\$21,000.00
106 w	2	EA	(4000) Hydro Stop (30")	\$5,000.00	\$10,000.00	\$40,000.00	\$80,000.00	\$18,000.00	\$36,000.00	\$38,000.00	\$76,000.00
<b>SUBTOTAL "A" SAWS JOB NO. 14-5018 (GENERAL WATER):</b>					<b>\$1,082,624.00</b>		<b>\$1,104,950.00</b>		<b>\$1,067,030.00</b>		<b>\$1,623,822.50</b>
Alley Projects Water Bid Items											
1 wa	40	LF	(103) Remove Concrete Curb	\$2.00	\$80.00	\$5.00	\$200.00	\$2.00	\$80.00	\$8.00	\$320.00
2 wa	40	SF	(103) Remove Sidewalks & Driveways	\$3.00	\$120.00	\$5.00	\$200.00	\$20.00	\$800.00	\$10.00	\$400.00
3 wa	100	SF	(103) Remove Miscellaneous Concrete	\$5.00	\$500.00	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$12.00	\$1,200.00
4 wa	50	SY	(206) Asphalt Treated Base (4" compacted depth)	\$40.00	\$2,000.00	\$25.00	\$1,250.00	\$60.00	\$3,000.00	\$80.00	\$4,000.00
5 wa	100	CY	(413) Flowable Fill	\$120.00	\$12,000.00	\$150.00	\$15,000.00	\$220.00	\$22,000.00	\$160.00	\$16,000.00
6 wa	40	LF	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter	\$20.00	\$800.00	\$35.00	\$1,400.00	\$1.00	\$40.00	\$55.00	\$2,200.00
7 wa	13	SY	(502) Concrete Sidewalks	\$70.00	\$910.00	\$100.00	\$1,300.00	\$1.00	\$13.00	\$60.00	\$780.00
8 wa	8	SY	(503) Portland Cement Concrete Driveway	\$77.00	\$616.00	\$125.00	\$1,000.00	\$1.00	\$8.00	\$85.00	\$680.00
9 wa	13	SY	(503) Portland Cement Concrete Driveway - Commercial	\$80.00	\$1,040.00	\$150.00	\$1,950.00	\$1.00	\$13.00	\$95.00	\$1,235.00
10 wa	10	CY	(515.1) Topsoil	\$28.00	\$280.00	\$40.00	\$400.00	\$20.00	\$200.00	\$35.00	\$350.00
11 wa	20	SY	(516.1) Bermuda Sodding	\$7.00	\$140.00	\$20.00	\$400.00	\$10.00	\$200.00	\$25.00	\$500.00
12 wa	20	SY	(516.2) St. Augustine Sodding	\$7.00	\$140.00	\$20.00	\$400.00	\$10.00	\$200.00	\$35.00	\$700.00
13 wa	1,300	LF	(550) Trench Protection	\$1.00	\$1,300.00	\$2.00	\$2,600.00	\$1.00	\$1,300.00	\$5.00	\$6,500.00
14 wa	100	LF	(818) 6" PVC Waterline (Restrained) (0'-6' Cut)	\$70.00	\$7,000.00	\$50.00	\$5,000.00	\$100.00	\$10,000.00	\$105.00	\$10,500.00
15 wa	1,000	LF	(818) 8" PVC Waterline (Restrained) (0'-6' Cut)	\$87.00	\$87,000.00	\$50.00	\$50,000.00	\$182.00	\$182,000.00	\$110.00	\$110,000.00
16 wa	100	LF	(818) 12" PVC Waterline (Restrained) (0'-6' Cut)	\$103.00	\$10,300.00	\$70.00	\$7,000.00	\$175.00	\$17,500.00	\$135.00	\$13,500.00
17 wa	100	LF	(818) 16" PVC Waterline (Restrained) (0'-6' Cut)	\$138.00	\$13,800.00	\$100.00	\$10,000.00	\$175.00	\$17,500.00	\$175.00	\$17,500.00
18 wa	50	LF	(822) Short Yard Piping	\$29.00	\$1,450.00	\$75.00	\$3,750.00	\$5.00	\$250.00	\$32.00	\$1,600.00
19 wa	50	LF	(822) Long Yard Piping	\$29.00	\$1,450.00	\$75.00	\$3,750.00	\$5.00	\$250.00	\$35.00	\$1,750.00
20 wa	20	EA	(824) Relay 3/4" Short Service	\$560.00	\$11,200.00	\$900.00	\$18,000.00	\$800.00	\$16,000.00	\$1,550.00	\$31,000.00
21 wa	20	EA	(824) Relay 3/4" Long Service	\$940.00	\$18,800.00	\$1,000.00	\$20,000.00	\$1,000.00	\$20,000.00	\$2,175.00	\$43,500.00
22 wa	4	EA	(824) Relay 1" Short Service	\$830.00	\$3,320.00	\$1,000.00	\$4,000.00	\$500.00	\$2,000.00	\$1,600.00	\$6,400.00
23 wa	4	EA	(824) Relay 1" Long Service	\$1,300.00	\$5,200.00	\$1,200.00	\$4,800.00	\$700.00	\$2,800.00	\$2,275.00	\$9,100.00
24 wa	4	EA	(824) Relay 1-1/2" Short Service	\$840.00	\$3,360.00	\$1,400.00	\$5,600.00	\$500.00	\$2,000.00	\$1,900.00	\$7,600.00
25 wa	4	EA	(824) Relay 1-1/2" Long Service	\$1,400.00	\$5,600.00	\$1,700.00	\$6,800.00	\$500.00	\$2,000.00	\$2,700.00	\$10,800.00
26 wa	4	EA	(824) Relay 2" Short Service	\$1,320.00	\$5,280.00	\$2,000.00	\$8,000.00	\$200.00	\$800.00	\$2,175.00	\$8,700.00
27 wa	4	EA	(824) Relay 2" Long Service	\$1,950.00	\$7,800.00	\$2,500.00	\$10,000.00	\$200.00	\$800.00	\$3,175.00	\$12,700.00
28 wa	4	EA	(824) New 3/4" Short Unmetered Service	\$640.00	\$2,560.00	\$900.00	\$3,600.00	\$500.00	\$2,000.00	\$1,550.00	\$6,200.00
29 wa	4	EA	(824) New 3/4" Long Unmetered Service	\$980.00	\$3,920.00	\$1,000.00	\$4,000.00	\$700.00	\$2,800.00	\$2,175.00	\$8,700.00
30 wa	2	EA	(824) Relocate 3/4" Short Service	\$650.00	\$1,300.00	\$900.00	\$1,800.00	\$400.00	\$800.00	\$1,550.00	\$3,100.00
31 wa	2	EA	(824) Relocate 3/4" Long Service	\$1,110.00	\$2,220.00	\$1,000.00	\$2,000.00	\$450.00	\$900.00	\$2,175.00	\$4,350.00
32 wa	2	EA	(824) Relocate 1" Short Service	\$870.00	\$1,740.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,585.00	\$3,170.00
33 wa	2	EA	(824) Relocate 1" Long Service	\$1,260.00	\$2,520.00	\$1,200.00	\$2,400.00	\$550.00	\$1,100.00	\$2,275.00	\$4,550.00
34 wa	3	EA	(824) Customer Shut-off Valve	\$200.00	\$600.00	\$400.00	\$1,200.00	\$100.00	\$300.00	\$250.00	\$750.00

Prepared by GC				Contract No.: C-14-020-RA		Pronto Sandblasting & Coating & Oilfield Services, Co., Inc.		Atlas Construction, Corp.		R.L. Jones LP		D Guerra Construction	
Solicitation No.: B-14-025-RA				SAN ANTONIO WATER SYSTEM		9456 South Presa San Antonio, TX 78223		312 Sunset Dr. Granite Shoals, Texas 78654		18946 Redland Road San Antonio, Texas 78259		9810 FM 969 Austin, Texas 78724	
PROPOSAL:				2014 Water & Sewer Construction Package II									
TIME:				Job No: 14-5018 & 14-5518									
DATE:				August 14, 2014									
General Water Bid Items													
Item No.	Estimate Qty	Unit of Issue	Description	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
35 wa	3	EA	(826) Valve Box Adjustment	\$80.00	\$240.00	\$400.00	\$1,200.00	\$100.00	\$300.00	\$550.00	\$1,650.00		
36 wa	4	EA	(828) 6" Gate Valve	\$1,000.00	\$4,000.00	\$1,200.00	\$4,800.00	\$700.00	\$2,800.00	\$850.00	\$3,400.00		
37 wa	10	EA	(828) 8" Gate Valve	\$1,400.00	\$14,000.00	\$1,400.00	\$14,000.00	\$700.00	\$7,000.00	\$1,205.00	\$12,050.00		
38 wa	2	EA	(828) 12" Gate Valve	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$700.00	\$1,400.00	\$2,110.00	\$4,220.00		
39 wa	2	EA	(828) 16" Gate Valve	\$7,000.00	\$14,000.00	\$7,000.00	\$14,000.00	\$700.00	\$1,400.00	\$5,725.00	\$11,450.00		
40 wa	2	EA	(831) 6" x 6" Tee Cut-In	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00	\$2,300.00	\$4,600.00		
41 wa	2	EA	(831) 8" x 6" Tee Cut-In	\$800.00	\$1,600.00	\$1,200.00	\$2,400.00	\$600.00	\$1,200.00	\$2,350.00	\$4,700.00		
42 wa	2	EA	(831) 8" x 8" Tee Cut-In	\$900.00	\$1,800.00	\$1,500.00	\$3,000.00	\$600.00	\$1,200.00	\$2,425.00	\$4,850.00		
43 wa	1	EA	(831) 12" X 8" Tapping Sleeve & Valve	\$5,400.00	\$5,400.00	\$3,500.00	\$3,500.00	\$800.00	\$800.00	\$4,100.00	\$4,100.00		
44 wa	1	EA	(831) 16" X 8" Tapping Sleeve & Valve	\$7,000.00	\$7,000.00	\$3,500.00	\$3,500.00	\$800.00	\$800.00	\$4,775.00	\$4,775.00		
45 wa	10	EA	(833) Existing Meter & Meter Box Relocation	\$100.00	\$1,000.00	\$400.00	\$4,000.00	\$50.00	\$500.00	\$575.00	\$5,750.00		
46 wa	10	EA	(833) Existing Meter & New Meter Box Relocation	\$140.00	\$1,400.00	\$400.00	\$4,000.00	\$300.00	\$3,000.00	\$1,500.00	\$15,000.00		
47 wa	10	EA	(833) New Meter Box	\$140.00	\$1,400.00	\$400.00	\$4,000.00	\$500.00	\$5,000.00	\$140.00	\$1,400.00		
48 wa	1	EA	(834) Fire Hydrant	\$4,200.00	\$4,200.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$4,265.00	\$4,265.00		
49 wa	2.0	TN	(836) Pipe Fittings, All Sizes & Types	\$6,300.00	\$12,600.00	\$8,000.00	\$16,000.00	\$1,000.00	\$2,000.00	\$3,350.00	\$6,700.00		
50 wa	5	EA	(840) 6" Water Tie-Ins	\$750.00	\$3,750.00	\$1,200.00	\$6,000.00	\$400.00	\$2,000.00	\$1,475.00	\$7,375.00		
51 wa	2	EA	(840) 8" Water Tie-Ins	\$1,000.00	\$2,000.00	\$1,300.00	\$2,600.00	\$4,000.00	\$8,000.00	\$1,500.00	\$3,000.00		
52 wa	1	EA	(840) 12" Water Tie-Ins	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$1,900.00	\$1,900.00		
53 wa	1	EA	(840) 16" Water Tie-Ins	\$2,900.00	\$2,900.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$2,625.00	\$2,625.00		
54 wa	5	EA	(841) Hydrostatic Testing	\$1,600.00	\$8,000.00	\$4,000.00	\$20,000.00	\$2,200.00	\$11,000.00	\$1,500.00	\$7,500.00		
55 wa	5	EA	(844) 2" Blow-off, Temporary	\$1,200.00	\$6,000.00	\$1,500.00	\$7,500.00	\$7,000.00	\$35,000.00	\$1,250.00	\$6,250.00		
56 wa	1	EA	(844) 2" Blow-off, Permanent	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$100.00	\$100.00	\$1,900.00	\$1,900.00		
57 wa	1	EA	(846) 1" Air Release Valve	\$1,400.00	\$1,400.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,700.00	\$1,700.00		
58 wa	30	LF	(856) 18" Steel Casing (Open Cut)	\$90.00	\$2,700.00	\$100.00	\$3,000.00	\$200.00	\$6,000.00	\$155.00	\$4,650.00		
59 wa	30	LF	(856) 24" Steel Casing (Open Cut)	\$120.00	\$3,600.00	\$125.00	\$3,750.00	\$210.00	\$6,300.00	\$170.00	\$5,100.00		
60 wa	10	LF	(856) 6" Carrier Pipe	\$50.00	\$500.00	\$100.00	\$1,000.00	\$10.00	\$100.00	\$31.00	\$310.00		
61 wa	60	LF	(856) 8" Carrier Pipe	\$70.00	\$4,200.00	\$100.00	\$6,000.00	\$12.00	\$720.00	\$35.00	\$2,100.00		
62 wa	10	LF	(856) 12" Carrier Pipe	\$85.00	\$850.00	\$125.00	\$1,250.00	\$15.00	\$150.00	\$50.00	\$500.00		
63 wa	10	LF	(856) 16" Carrier Pipe	\$120.00	\$1,200.00	\$150.00	\$1,500.00	\$15.00	\$150.00	\$71.00	\$710.00		
64 wa	8	CY	(858) Concrete Encasement, Cradles, Saddles and Collars	\$130.00	\$1,040.00	\$150.00	\$1,200.00	\$240.00	\$1,920.00	\$180.00	\$1,440.00		
65 wa	1	EA	(1020) Water Main Break/Leak Repairs (6"-16")	\$150.00	\$150.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$6,200.00	\$6,200.00		
66 wa	300	LF	(3000) Removal, Transportation and Disposal of various sizes of A.C. Pipe	\$20.00	\$6,000.00	\$80.00	\$24,000.00	\$40.00	\$12,000.00	\$90.00	\$27,000.00		
67 wa	600	LF	(3100) 4" Temporary Waterline, including fittings, tie-ins, service connections, and all appurtenances to provide a temporary water main for water main construction	\$40.00	\$24,000.00	\$30.00	\$18,000.00	\$10.00	\$6,000.00	\$60.00	\$36,000.00		
68 wa	600	LF	(3100) 6" Temporary Waterline, including fittings, tie-ins, service connections, and all appurtenances to provide a temporary water main for water main construction	\$40.00	\$24,000.00	\$40.00	\$24,000.00	\$12.00	\$7,200.00	\$75.00	\$45,000.00		
<b>SUBTOTAL "B" SAWS JOB NO. 14-5018 (ALLEY WATER):</b>					<b>\$386,576.00</b>		<b>\$416,500.00</b>		<b>\$446,894.00</b>		<b>\$600,505.00</b>		
<b>SUBTOTAL "A" AND "B" SAWS JOB NO 14-5018 (GENERAL AND ALLEY WATER):</b>					<b>\$1,469,200.00</b>		<b>\$1,521,450.00</b>		<b>\$1,513,924.00</b>		<b>\$2,224,327.50</b>		
General Sanitary Sewer Bid Items													
1 s	40	LF	(103) Remove Concrete Curb	\$2.00	\$80.00	\$5.00	\$200.00	\$5.00	\$200.00	\$8.00	\$320.00		
2 s	40	SF	(103) Remove Sidewalks & Driveways	\$3.00	\$120.00	\$5.00	\$200.00	\$25.00	\$1,000.00	\$10.00	\$400.00		
3 s	15	SF	(103) Remove Miscellaneous Concrete	\$5.00	\$75.00	\$10.00	\$150.00	\$25.00	\$375.00	\$12.00	\$180.00		
4 s	10	GA	(203) Tack Coat	\$7.00	\$70.00	\$20.00	\$200.00	\$10.00	\$100.00	\$25.00	\$250.00		
5 s	500	SY	(205) Hot Mix Asphaltic Pavement - Type D (2" Compacted Depth)	\$25.00	\$12,500.00	\$20.00	\$10,000.00	\$60.00	\$30,000.00	\$65.00	\$32,500.00		
6 s	20	SY	(205) Hot Mix Asphaltic Pavement - Type C (3" Compacted Depth)	\$30.00	\$600.00	\$30.00	\$600.00	\$65.00	\$1,300.00	\$75.00	\$1,500.00		
7 s	435	SY	(206) Asphalt Treated Base (10" Compacted Depth)	\$80.00	\$34,800.00	\$35.00	\$15,225.00	\$60.00	\$26,100.00	\$85.00	\$36,975.00		
8 s	50	SY	(206) Asphalt Treated Base (4" Compacted depth)	\$40.00	\$2,000.00	\$30.00	\$1,500.00	\$40.00	\$2,000.00	\$80.00	\$4,000.00		
9 s	20	SY	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2")	\$50.00	\$1,000.00	\$15.00	\$300.00	\$80.00	\$1,600.00	\$35.00	\$700.00		
10 s	10	SY	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (3")	\$50.00	\$500.00	\$20.00	\$200.00	\$50.00	\$500.00	\$45.00	\$450.00		
11 s	40	CY	(413) Flowable Fill	\$150.00	\$6,000.00	\$150.00	\$6,000.00	\$275.00	\$11,000.00	\$160.00	\$6,400.00		

Prepared by GC		Solicitation No.: B-14-025-RA		Contract No.: C-14-020-RA		Pronto Sandblasting & Coating & Oilfield Services, Co., Inc. 9456 South Priesa San Antonio, TX 78223		Atlas Construction, Corp. 312 Sunset Dr. Granite Shoals, Texas 78654		R.L. Jones LP 18946 Redland Road San Antonio, Texas 78259		D Guerra Construction 9810 FM 969 Austin, Texas 78724	
PROPOSAL:		SAN ANTONIO WATER SYSTEM		P. O. BOX 2449 SAN ANTONIO, TEXAS 78298-2449		9456 South Priesa San Antonio, TX 78223		312 Sunset Dr. Granite Shoals, Texas 78654		18946 Redland Road San Antonio, Texas 78259		9810 FM 969 Austin, Texas 78724	
TIME:		TABULATION OF BIDS		2014 Water & Sewer Construction Package II		9456 South Priesa San Antonio, TX 78223		312 Sunset Dr. Granite Shoals, Texas 78654		18946 Redland Road San Antonio, Texas 78259		9810 FM 969 Austin, Texas 78724	
DATE:		Job No: 14-5018 & 14-5518		August 14, 2014		9456 South Priesa San Antonio, TX 78223		312 Sunset Dr. Granite Shoals, Texas 78654		18946 Redland Road San Antonio, Texas 78259		9810 FM 969 Austin, Texas 78724	
General Water Bid Items													
Item No.	Estimate Qty	Unit of Issue	Description	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
12 s	40	LF	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter	\$20.00	\$800.00	\$35.00	\$1,400.00	\$10.00	\$400.00	\$55.00	\$2,200.00		
13 s	13	SY	(502) Concrete Sidewalks	\$70.00	\$910.00	\$100.00	\$1,300.00	\$45.00	\$585.00	\$60.00	\$780.00		
14 s	10	SY	(502) Concrete Wheelchair Ramp	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$50.00	\$500.00	\$65.00	\$650.00		
15 s	8	SY	(503) Portland Cement Concrete Driveway	\$77.00	\$616.00	\$125.00	\$1,000.00	\$55.00	\$440.00	\$85.00	\$680.00		
16 s	8	SY	(503) Portland Cement Concrete Driveway-Commercial	\$80.00	\$640.00	\$150.00	\$1,200.00	\$60.00	\$480.00	\$95.00	\$760.00		
17 s	5	SY	(505) Concrete Riprap (5" Thick)	\$100.00	\$500.00	\$100.00	\$500.00	\$70.00	\$350.00	\$70.00	\$350.00		
18 s	5	CY	(506) Concrete Retaining Walls - Combination Type	\$750.00	\$3,750.00	\$1,000.00	\$5,000.00	\$100.00	\$500.00	\$1,250.00	\$6,250.00		
19 s	10	CY	(515) Topsoil	\$25.00	\$250.00	\$40.00	\$400.00	\$20.00	\$200.00	\$35.00	\$350.00		
20 s	20	SY	(516) Bermuda Sodding	\$6.00	\$120.00	\$20.00	\$400.00	\$10.00	\$200.00	\$25.00	\$500.00		
21 s	20	SY	(516) St. Augustine Sodding	\$6.00	\$120.00	\$20.00	\$400.00	\$10.00	\$200.00	\$35.00	\$700.00		
22 s	1,000	LF	(550) Trench Protection	\$26.00	\$26,000.00	\$2.00	\$2,000.00	\$1.00	\$1,000.00	\$5.00	\$5,000.00		
23 s	400	LF	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-6' Cut)	\$51.00	\$20,400.00	\$55.00	\$22,000.00	\$80.00	\$32,000.00	\$115.00	\$46,000.00		
24 s	100	LF	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'-14' Cut)	\$60.00	\$6,000.00	\$70.00	\$7,000.00	\$240.00	\$24,000.00	\$150.00	\$15,000.00		
25 s	20	LF	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' Cut)	\$68.00	\$1,360.00	\$85.00	\$1,700.00	\$150.00	\$3,000.00	\$160.00	\$3,200.00		
26 s	50	LF	(848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-6' Cut)	\$55.00	\$2,750.00	\$60.00	\$3,000.00	\$70.00	\$3,500.00	\$120.00	\$6,000.00		
27 s	30	LF	(848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'-14' Cut)	\$63.00	\$1,890.00	\$80.00	\$2,400.00	\$240.00	\$7,200.00	\$160.00	\$4,800.00		
28 s	20	LF	(848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' Cut)	\$73.00	\$1,460.00	\$100.00	\$2,000.00	\$125.00	\$2,500.00	\$175.00	\$3,500.00		
29 s	100	LF	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-6' Cut)	\$60.00	\$6,000.00	\$70.00	\$7,000.00	\$65.00	\$6,500.00	\$140.00	\$14,000.00		
30 s	50	LF	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'-14' Cut)	\$68.00	\$3,400.00	\$100.00	\$5,000.00	\$220.00	\$11,000.00	\$175.00	\$8,750.00		
31 s	30	LF	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' Cut)	\$83.00	\$2,490.00	\$110.00	\$3,300.00	\$125.00	\$3,750.00	\$185.00	\$5,550.00		
32 s	50	LF	(848) 15" PVC Gravity Sanitary Sewer Pipe (SDR 26-2241, 160 psi), (0'-6' Cut)	\$73.00	\$3,650.00	\$95.00	\$4,750.00	\$80.00	\$4,000.00	\$170.00	\$8,500.00		
33 s	30	LF	(848) 15" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'-14' Cut)	\$85.00	\$2,550.00	\$125.00	\$3,750.00	\$280.00	\$8,400.00	\$185.00	\$5,550.00		
34 s	30	LF	(848) 15" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' Cut)	\$95.00	\$2,850.00	\$150.00	\$4,500.00	\$150.00	\$4,500.00	\$195.00	\$5,850.00		
35 s	30	LF	(848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-6' Cut)	\$115.00	\$3,450.00	\$150.00	\$4,500.00	\$90.00	\$2,700.00	\$210.00	\$6,300.00		
36 s	30	LF	(848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'-14' Cut)	\$125.00	\$3,750.00	\$200.00	\$6,000.00	\$450.00	\$13,500.00	\$235.00	\$7,050.00		
37 s	30	LF	(848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' Cut)	\$143.00	\$4,290.00	\$250.00	\$7,500.00	\$250.00	\$7,500.00	\$255.00	\$7,650.00		
38 s	1	EA	(850) Sanitary Sewer Manhole Structure	\$5,900.00	\$5,900.00	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00	\$9,000.00	\$9,000.00		
39 s	1	EA	(850) Sanitary Sewer Doghouse Manhole	\$7,000.00	\$7,000.00	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00	\$9,100.00	\$9,100.00		
40 s	2	EA	(851) Adjust Existing Manhole (Watertight Ring and Cover)	\$400.00	\$800.00	\$3,000.00	\$6,000.00	\$1,500.00	\$3,000.00	\$2,750.00	\$5,500.00		
41 s	5	EA	(852) Sanitary Sewer Manhole (0'-6')	\$5,900.00	\$29,500.00	\$6,000.00	\$30,000.00	\$7,500.00	\$37,500.00	\$7,500.00	\$37,500.00		
42 s	2	EA	(852) Sanitary Sewer Drop Manhole (0'-6')	\$6,900.00	\$13,800.00	\$7,500.00	\$15,000.00	\$7,500.00	\$15,000.00	\$8,500.00	\$17,000.00		
43 s	6	VF	(852) Extra Depth Manholes (greater than 6')	\$500.00	\$3,000.00	\$500.00	\$3,000.00	\$700.00	\$4,200.00	\$325.00	\$1,950.00		
44 s	350	LF	(854) Sanitary Sewer Laterals, (SDR 26, ASTM 2241, 160 psi)	\$28.00	\$9,800.00	\$50.00	\$17,500.00	\$70.00	\$24,500.00	\$100.00	\$35,000.00		
45 s	15	EA	(854) Two-Way Sanitary Sewer Clean-out	\$300.00	\$4,500.00	\$1,000.00	\$15,000.00	\$900.00	\$13,500.00	\$625.00	\$9,375.00		
46 s	2	EA	(855) Reconstruction of Existing Manhole	\$4,200.00	\$8,400.00	\$3,000.00	\$6,000.00	\$2,000.00	\$4,000.00	\$5,250.00	\$10,500.00		
47 s	10	LF	(856) 18" Steel Casing (Open Cut)	\$60.00	\$600.00	\$100.00	\$1,000.00	\$20.00	\$200.00	\$155.00	\$1,550.00		
48 s	10	LF	(856) 24" Steel Casing (Open Cut)	\$80.00	\$800.00	\$125.00	\$1,250.00	\$20.00	\$200.00	\$170.00	\$1,700.00		
49 s	10	LF	(856) 30" Steel Casing (Open Cut)	\$160.00	\$1,600.00	\$150.00	\$1,500.00	\$20.00	\$200.00	\$235.00	\$2,350.00		
50 s	10	LF	(856) 36" Steel Casing (Open Cut)	\$190.00	\$1,900.00	\$200.00	\$2,000.00	\$25.00	\$250.00	\$271.00	\$2,710.00		
51 s	10	LF	(856) 42" Steel Casing (Open Cut)	\$232.00	\$2,320.00	\$300.00	\$3,000.00	\$30.00	\$300.00	\$350.00	\$3,500.00		
52 s	10	LF	(856) Jack, Boring and Tunneling 18"-24" Casing (0'-6' Depths)	\$350.00	\$3,500.00	\$300.00	\$3,000.00	\$50.00	\$500.00	\$605.00	\$6,050.00		
53 s	10	LF	(856) Jack, Boring and Tunneling 18"-24" Casing (greater than 6' Depths)	\$410.00	\$4,100.00	\$300.00	\$3,000.00	\$50.00	\$500.00	\$705.00	\$7,050.00		
54 s	10	LF	(856) Jack, Boring and Tunneling 30"-42" Casing (0'-8' Depths)	\$470.00	\$4,700.00	\$450.00	\$4,500.00	\$70.00	\$700.00	\$805.00	\$8,050.00		
55 s	10	LF	(856) Jack, Boring and Tunneling 30"-42" Casing (greater than 8' Depths)	\$620.00	\$6,200.00	\$500.00	\$5,000.00	\$70.00	\$700.00	\$1,000.00	\$10,000.00		
56 s	10	LF	(856) 8" Carrier Pipe	\$42.00	\$420.00	\$100.00	\$1,000.00	\$500.00	\$5,000.00	\$36.00	\$360.00		
57 s	10	LF	(856) 10" Carrier Pipe	\$52.00	\$520.00	\$100.00	\$1,000.00	\$400.00	\$4,000.00	\$40.00	\$400.00		
58 s	10	LF	(856) 12" Carrier Pipe	\$61.00	\$610.00	\$125.00	\$1,250.00	\$450.00	\$4,500.00	\$42.00	\$420.00		

